

ABSTRACT OF THE DISCLOSURE

A refrigeration system having a container with at least two different temperature cooling zones separated by a divider. The divider has a wall and a partition spaced apart from each other. The partition has a heat transfer plate with a sheet with a heat transfer substance attached thereto.

- 5 The refrigeration system may be cooled by a variable capacity compressor system having refrigeration and hot-gas defrost modes. The system is defrosted by circulation of gas therethrough. A controller may be engaged to and selectively operate the compressor system.

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